

PATENT

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**  
**(FOR INTEL CORPORATION PATENT APPLICATIONS)**

**As a below named inventor, I hereby declare that:**

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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the specification of which

  X   is attached hereto.  
  X   was filed on (MM/DD/YYYY) 11/01/2001 as  
 United States Application Number 10/002,465  
 or PCT International Application Number \_\_\_\_\_  
 and was amended on (MM/DD/YYYY) \_\_\_\_\_  
 (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			<u>Priority Claimed</u>	
_____ (Number)	_____ (Country)	_____ (Foreign Filing Date - MM/DD/YYYY)	<u>Yes</u>	<u>No</u>
_____ (Number)	_____ (Country)	_____ (Foreign Filing Date - MM/DD/YYYY)	<u>Yes</u>	<u>No</u>
_____ (Number)	_____ (Country)	_____ (Foreign Filing Date - MM/DD/YYYY)	<u>Yes</u>	<u>No</u>

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

_____ Application Number	_____ (Filing Date – MM/DD/YYYY)
_____ Application Number	_____ (Filing Date – MM/DD/YYYY)

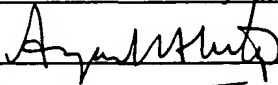
I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

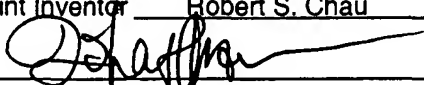
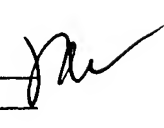
_____ Application Number	_____ (Filing Date – MM/DD/YYYY)	_____ Status -- patented, pending, abandoned
_____ Application Number	_____ (Filing Date – MM/DD/YYYY)	_____ Status -- patented, pending, abandoned

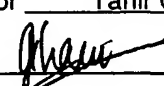
I hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send correspondence to Stephen M. De Klerk, BLAKELY, SOKOLOFF, TAYLOR &  
(Name of Attorney or Agent)  
ZAFMAN LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California, 90025 and direct  
telephone calls to Stephen M. De Klerk, (408) 720-8300.  
(Name of Attorney or Agent)

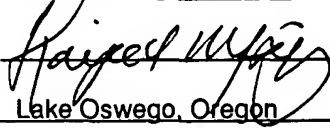
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor Anand Murthy  
Inventor's Signature  Date 1/8/02  
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Inventor's Signature  Date Jan 8, 2002

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## APPENDIX A

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## **APPENDIX B**

### **Title 37, Code of Federal Regulations, Section 1.56 Duty to Disclose Information Material to Patentability**

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

(1) Prior art cited in search reports of a foreign patent office in a counterpart application, and

(2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

(1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or

(2) It refutes, or is inconsistent with, a position the applicant takes in:

(i) Opposing an argument of unpatentability relied on by the Office, or

(ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

(1) Each inventor named in the application;

(2) Each attorney or agent who prepares or prosecutes the application; and

(3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

(e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.



42390. P490  
Intel Corp.  
5-115150

P/W  
APRIL 24, 2002

Chief Financial Officer and Chief Administrative Officer  
Washington, DC 20231  
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PTAS  
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LOS ANGELES, CALIFORNIA 90025  
APR 24 2002



\*101999842A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/12/2002

REEL/FRAME: 012615/0712  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
MURTHY, ANAND ✓

DOC DATE: 01/08/2002

ASSIGNOR:  
CHAU, ROBERT S. ✓

DOC DATE: 01/08/2002

ASSIGNOR:  
GHANI, TAHIR ✓

DOC DATE: 01/08/2002

ASSIGNOR:  
MISTRY, KAIZAD R. ✓

DOC DATE: 01/08/2002

ASSIGNEE:  
INTEL CORPORATION  
2200 MISSION COLLEGE BLVD.  
SANTA CLARA, CALIFORNIA 95052

SERIAL NUMBER: 10002465 ✓  
PATENT NUMBER:

FILING DATE: 11/01/2001 ✓  
ISSUE DATE:

012615/0712 PAGE 2

PEARLENE FOSTER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



03-04-2002

FEB 12 2002

FORM PTO-1595 F  
(Rev. 3/01)  
OMD NO. 0651-0011 exp. 5/31/2002)



101999842

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p><b>Anand Murthy, Robert S. Chau, Tahir Ghani, and Kaizad R. Mistry</b></p> <p>Additional name(s) of conveying party(ies) attached?  <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes</p>		<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Intel Corporation</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>2200 Mission College Blvd.</u></p> <p>City: <u>Santa Clara</u> State/Province: <u>California</u> Zip: <u>95052</u></p> <p>Country: <u>USA</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>3. Nature of Conveyance <u>2-12-02</u></p> <p> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other: _____         </p> <p>Execution Date(s): <u>All on 01/08/2002</u></p>		<p>4. Application Number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is: _____</p> <p>A. Patent Application No.(s) <u>10/002,465</u></p> <p>B. Patent No.(s) _____</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p><b>Stephen M. De Klerk</b></p> <p>Name: <u>Blakely, Sokoloff, Taylor &amp; Zafman LLP</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>12400 Wilshire Boulevard, 7<sup>th</sup> Floor</u></p> <p>City: <u>Los Angeles</u> State: <u>California</u> Zip: <u>90025</u></p>		<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total Fee (37 CFR 3.41).....\$40.00</p> <p> <input checked="" type="checkbox"/> Enclosed  <input type="checkbox"/> Authorized to be charged to deposit account         </p> <p>8. Deposit Account Number: <u>02-2666</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>	

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9. Statement and signature.  
To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Stephen M. De Klerk, Reg. No. 46,503  
Name of Person Signing

  
Signature

January 25, 2002  
Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

Atty. Docket No.: 042390.P9490

03/01/2002 DBYRNE 00000112 10002465

01 FC:581

40.00 OP

Attorney's Docket

## **ASSIGNMENT**

**PATENT**

No.: 042390.P9490 (For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we

the undersigned, Anand Murthy, Robert S. Chau, Tahir Ghani, and Kaizad R. Mistry

hereby sell, assign, and transfer to Intel Corporation

a corporation of Delaware, having a principal place of business at

2200 Mission College Blvd., Santa Clara, California, 95052, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed November 1, 2001 and assigned Application No. 10/002,465 and is entitled

A SEMICONDUCTOR TRANSISTOR HAVING A STRESSED CHANNEL

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 1/8/02, 20\_\_

Anand Murthy  
Name: Anand Murthy

Date: 1/8/02, 20\_\_

Robert S. Chau  
Name: Robert S. Chau

Date: 1/8/02, 20\_\_

Tahir Ghani  
Name: Tahir Ghani

Date: 1/8/02, 20\_\_

Kaizad R. Mistry  
Name: Kaizad R. Mistry

State of: \_\_\_\_\_ }  
County of: \_\_\_\_\_ } SS.

Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Blvd., Seventh Floor  
Los Angeles, California 90025-1026  
(408) 720-8300

On this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_, before me, \_\_\_\_\_,  
the undersigned Notary Public, personally appeared \_\_\_\_\_

☐ personally known to me ☐ proved to me on the basis of satisfactory evidence to  
be the person(s) whose name(s) subscribed to the within instrument, and  
acknowledged that executed it.  
WITNESS my hand and official seal.

\_\_\_\_\_  
Notary's Signature